



FORM PTO - 1449

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: FJN-077

APPLICANTS: Tani et al.

SERIAL NO.: 09/423,905

FILING DATE: November 16, 1999

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U.S. PATENT DOCUMENTS

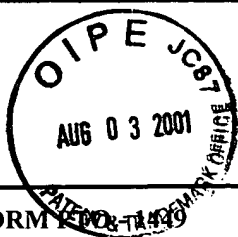
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
PAD	AB	3,904,753	09/09/75	Sonenberg et al.	424	177	
PAD	AC	4,481,137	11/06/84	Ohnishi et al.	260	112	
PAD	AD	5,328,836	07/12/94	Shima et al.	435	69.4	
PAD	AE	5,432,267	07/11/95	Kusama et al.	536	17.9	
PAD	AF	5,510,327	04/23/96	Hayasaka et al.	514	8	
PAD	AG	5,648,233	07/15/97	Yamaguchi et al.	435	69.1	
PAD	AH	5,658,742	08/19/97	Higashio et al.	435	7.9	
PAD	AI	5,714,461	02/03/98	Masunaga et al.	514	8	
PAD	AJ	5,821,223	10/13/98	Rubin et al.	514	12	
PAD	AK	5,998,370	12/07/99	Arai	514	12	

FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
PAD	BC	0 612 530 B1	8/11/00	EP	A61K	37/02	2/22/94		
PAD	BD	0 672 685 A2	9/20/95	EP	C07K	16/22	3/17/95		
PAD	BE	0 891 778 A2	1/20/99	EP	A61K	38/18	7/9/98		
PAD	BF	0 821 969 A2	2/4/98	EP	A61K	38/18	7/16/93		
PAD	BG	0 588 477 A2	3/23/94	EP	A61K	37/02	7/16/93		
PAD	BH	0 519 728 A2	12/23/92	EP	C12P	21/08	6/19/92		
PAD	BI	0 461 560 B1	11/18/98	EP	C12N	15/19	6/7/91		
PAD	BJ	0 462 549 B1	8/28/96	EP	C07K	2/00	6/18/91		
PAD	BK	0 456 188 A1	11/13/91	EP	C07K	15/00	05/07/91		
PAD	BL	0 322 084	06/28/89	EP	C12P	21/02	06/08/88		
PAD	BM	0 982 037 A1	01/03/00	EP	A61K	38/17	03/19/99		

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PAD	BN	0 925 791 A1	06/30/99	EP	A61K	38/22	03/20/98		TECH CENTER 1600/2900
PAD	BO	WO98/41230	9/24/98	PCT	A61K	38/22	3/11/98	(FJN-066)	Abstract
PAD	BP	WO98/40096	9/17/98	PCT	A61K	38/22	3/11/98	(FJN-065)	translation
PAD	BQ	WO96/20004	7/4/96	PCT	A61K	38/18	12/27/95		
PAD	BR	WO91/03254	3/21/91	PCT	A61K	37/36	9/7/90		
PAD	BS	10-194986	7/28/98	JP	A61K	38/22	6/10/97		Eng. Abstract only
PAD	BT	10-29951	2/3/98	JP	A61K	38/27	7/12/96		Eng. Abstract only
PAD	BU	6-116299	4/26/94	JP	C07K	15/14	10/2/92		Eng. Abstract only
PAD	BV	5-244976	9/24/93	JP	C12P	19/26	3/4/92		Eng. Abstract only
PAD	BW	6-56692	3/1/94	JP	A61K	37/02	8/10/92		translation enclosed
PAD	BX	10-273446	10/13/98	JP	A61K	38/00	3/28/97		translation enclosed
PAD	BY	6-40938	2/15/94	JP	A61K	37/24	7/17/92		
PAD	BZ	2218864	10/21/97	CA	A61K	38/18	10/24/96		

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM.
INIT.

OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)

PAD	CA	Fujiwara et al. "Stimulation of Liver Growth by Exogenous Human Hepatocyte Growth Factor in Normal and Partially Hepatectomized Rats", <u>Hepatology</u> , 18(6):1443-1449 (1993).
PAD	CB	Gohda et al., "Purification and Partial Characterization of Hepatocyte Growth Factor from Plasma of a Patient with Fulminant Hepatic Failure", <u>The American Society for Clinical Investigation</u> , Vol. 81, pp. 414-419 (February 1988).
PAD	CC	Raymond C. Harris, "Growth Factors and Cytokines in Acute Renal Failure," <u>Supplement to Advances in Renal Replacement Therapy</u> , Vol. 4, No. 2, Suppl. 1, April 1997, pp. 43-53.
PAD	CD	Higashio et al. "Identity of a Tumor Cytotoxic Factor From Human Fibroblasts and Hepatocyte Growth Factor", <u>Biochemical and Biophysical Research Communications</u> , 170(1):397-404 (July 16, 1990).
PAD	CE	Higashio et al. "Tumor cytotoxic activity of HGF-SF", <u>Experientia Supplementum</u> , 65:351-368 (1993).
PAD	CF	Humes et al., "Renal Tubule Cell Repair following Acute Renal Injury," <u>Mineral and Electrolyte Metabolism</u> , Vol. 21, July - October 1995, pp. 353-365.
PAD	CG	Kinosaki et al. "Identification of heparin-binding stretches of a naturally occurring deleted variant of hepatocyte growth factor (dHGF)", <u>Biochimica et Biophysica Acta</u> , 1384(1): 93-102 (1998).

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PAD	CH	Kinosaki et al. "Analysis of deleted variant of hepatocyte growth factor by alanine scanning mutagenesis: identification of residues essential for its biological function and generation of mutants with enhanced mitogenic activity on rat hepatocytes," <u>FEBS Letters</u> , 434(1-2):165-169 (1998).
PAD	CI	Masunaga et al. "Amelioration of Disordered Hepatic Protein Synthesis by the Deleted Form of Hepatocyte Growth Factor in Models of Liver Failure in Rats", <u>Journal of Pharmacy and Pharmacology</u> , 48:876-879 (1996).
PAD	CJ	Masunaga et al. "Deleted form of hepatocyte growth factor (dHGF) increases the number of platelets in rats with liver cirrhosis", <u>Liver</u> , 17(4):192-197 (1997).
PAD	CK	Masunaga et al., "Preventive effects of the deleted form of hepatocyte growth factor against various liver injuries," <u>European Journal of Pharmacology</u> , Vol. 342, 1998, pp. 267-279.
PAD	CL	Matsuda et al., "Hepatocyte Growth Factor Suppresses the Onset of Liver Cirrhosis and Abrogates Lethal Hepatic Dysfunction in Rats," <u>J. Biochem</u> , Vol. 118, No. 3, 1995, pp. 643-649.
PAD	CM	Matsumoto et al., "HGF: its organotrophic role and therapeutic potential," <u>Therapeutic Potential of HGF</u> , pp. 198-214.
PAD	CN	Matsumoto et al., "Roles of HGF as a pleiotropic factor in organ regeneration", <u>Hepatocyte Growth Factor-Scatter Factor</u> , (1993).
PAD	CO	Miyazawa et al., "Molecular Cloning and Sequence Analysis of cDNA for Human Hepatocyte Growth Factor", 164(2):967-973 (September 15, 1989).
PAD	CP	Morimoto et al. "Hepatocyte Growth Factor Modulates Migration and Proliferation of Human Microvascular Endothelial Cells in Culture", <u>Biochemical and Biophysical Research Communications</u> , 179(2):1042-1049 (September 16, 1991).
PAD	CQ	Nagoshi et al. "Hepatocyte apoptosis and hepatic expression of transforming growth factor- β mRNA during involution of hyperplastic rat liver induced by hepatocyte growth factor", <u>Journal of Gastroenterology and Hepatology</u> 13(8):786-793 (1998).
PAD	CR	Rubin et al., "A Broad-Spectrum Human Lung Fibroblast-Derived Mitogen is a Variant of Hepatocyte Growth Factor," <u>Proc. Natl. Acad. Sci. USA</u> , 88: 415-419 (1991).
PAD	CS	Francesco Paolo Schena, "Role of growth factors in acute renal failure," <u>Kidney International</u> , Vol. 53, Suppl. 66, 1998, pp. S-11-S-15.
PAD	CT	Seki et al., "Isolation and Expression of cDNA for Different Forms of Hepatocyte Growth Factor From Human Leukocyte," <u>Biochemical and Biophysical Research Communications</u> , 172(1): 321-327 (1990).
PAD	CU	Shima et al., "Possible Involvement of p21/waf1 in the Growth Inhibition of HepG2 Cells Induced by Hepatocyte Growth Factor", <u>Journal of Cellular Physiology</u> , 177(1):130-136 (1998).
PAD	CV	Shima et al. "Hepatocyte Growth Factor and its Variant with a Deletion of Five Amino Acids are Distinguishable in their Biological Activity and Tertiary Structure", <u>Biochemical and Biophysical Research Communications</u> , 200(2):808-815 (April 29, 1994).

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PAD	CW	Shima et al. "Tumor Cytotoxic Factor/Hepatocyte Growth Factor from Human Fibroblasts: Cloning of its cDNA, Purification and Characterization of Recombinant Protein", <u>Biochemical and Biophysical Research Communications</u> , 180(2):1151-1158 (October 31, 1991).
PAD	CX	Shima et al. "ELISA for F-TCF (human hepatocyte growth factor/hHGF)/fibroblast-derived tumor cytotoxic factor antigen employing monoclonal antibodies and its application to patients with liver diseases", <u>Gastroenterologia Japonica</u> , 26(4):477-482 (1991).
PAD	CY	Shima et al. "A Fibroblast-Derived Tumor Cytotoxic Factor/F-TCF (Hepatocyte Growth Factor/HGF) Has Multiple Functions in Vitro", <u>Cell Biology International Reports</u> , 15(5):397-407 (1991).
PAD	CZ	Shima et al., "Structure of Tumor Cell Damage Factor (FTCF) and Various Bioactivity" Vol. 50, No. 8, 1992, pp. 270-274, with abstract. <i>English Abstract only</i>
PAD	CAA	Shiota et al., "Hepatocyte Growth Factor Inhibits Growth of Hepatocellular Carcinoma Cells", <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 89, pp. 373-377 (January 1992).
PAD	CAB	Tajima et al., "Hepatocyte Growth Factor has Potent Anti-Proliferative Activity in Various Tumor Cell Lines", <u>Federation of European Biochemical Societies</u> , 291(2):229-232 (October 1991).
	CAC	Takehara et al., "Structure of Hepatic Cell Growth Factor (HGF) and Physiological Effect," <u>Protein, Nucleic Acid and Enzyme</u> , Vol. 36, No. 7, 1991, pp. 265-274. <i>NO English Abstract</i>
	CAD	Tamakuma et al., "Cancerous Cachexia and Cachectin," <u>Strides of Medicine</u> , 149(5): 371-373 (1989). <i>NO English Abstract</i>
PAD	CAE	Uematsu et al., "Effective Administration Route for the Deleted Form of Hepatocyte Growth Factor to Exert its Pharmacological Effects," <u>Journal of Pharmaceutical Sciences</u> , 88(1):131-135 (January, 1999).
PAD	CAF	Weidner et al., "Evidence for the Identity of Human Scatter Factor and Human Hepatocyte Growth Factor", <u>Proc. Natl. Acad. Sci. USA</u> , Vol. 88, pp. 7001-7005 (August 1991).
PAD	CAG	Yamaguchi et al. "Recombinant Human Hepatocyte Growth Factor Facilitates Biliary Transport After Hepatocyte Transplantation in Eisai Hyperbilirubinemic Rats", <u>Digestive Diseases and Sciences</u> , 42(3):522-528 (March 1997).
	CAH	Yamashita et al. "Effects of the Deleted Form of Hepatocyte Growth Factor on Serum Hyaluronate Levels in Rats with Liver Cirrhosis", <u>Journal of Veterinary Medical Science</u> , 60(3):359-360 (1998).
PAD	CAI	Yano et al. "Natural hepatocyte growth factor (HGF) from human serum and a bound form of recombinant HGF with heparan sulfate are indistinguishable in their physiochemical properties", <u>International Journal of Biological Macromolecules</u> , 23(3):227-235 (1998).
PAD	CAJ	Yasuda et al. "Antifibrogenic Effect of a Deletion Variant of Hepatocyte Growth Factor on Liver Fibrosis in Rats", <u>Hepatology</u> , 24(3):636-642 (1996).

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